

PRO-ENGINE M600 5W-30

Description

The high-tech low-viscosity motor oil based on synthetic technology, the Longlife 3 generation, takes advantage of high performance reserves to ensure excellent engine cleanliness. Exceeds the strictest test requirements demanded by renowned manufacturers. Reduces the formation of harmful deposits in direct injection gasoline and diesel engines (FSI, TDI, common rail etc.). Keeps oil consumption low. Secures the functional performance of the diesel particulate filter (DPF) and ensures the longest possible service life. With improved wear-protection formula. Especially for vehicles with extremely long oil change intervals (WIV etc.).

Properties

- high shear stability
- optimum stability to aging
- high lubrication reliability
- tested for turbochargers and catalytic converters
- instant lubrication after cold start
- long engine service life
- excellent high and low temperature behavior
- outstanding engine cleanliness
- optimum oil pressure under all operating conditions
- smooth engine running
- excellent wear resistance

Specifications / Approvals

ACEA C3 • API SP • BMW Longlife-04 • VW 504 00 • VW 507 00

LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required

ACEA C2 • API CF • BMW Longlife-01 (up to 2018)* • Fiat 9.55535-S1 • Fiat 9.55535-S3 • MB 229.31 • MB 229.51 • Opel OV 040 1547 - G30 / OV 040 1547 - D30 • Porsche C30 • VW 500 00 • VW 501 01 • VW 502 00 • VW 503 00 • VW 503 01 • VW 505 00 • VW 505 01 • VW 506 00 • VW 506 01 (With the exception of R5 and V10 TDI engines before 6/2006)

Technical data

SAE class (engine oils)	5W-30 SAE J300
Density at 15 °C	0,855 g/cm ³ DIN 51757
Viscosity at 40 °C	70 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	12,2 mm ² /s ASTM D 7042-04



Technical data

Viscosity at -35 °C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -30 °C (CCS)	≤ 6600 mPas ASTM D5293
Viscosity index	173 DIN ISO 2909
HTHS at 150°C	≥ 3,5 mPas ASTM D5481
Pour point	-42 °C DIN ISO 3016
Evaporation loss (Noack)	9,5 % CEC-L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	8,5 mg KOH/g DIN ISO 3771
Sulfate ash	≤ 0,8 g/100g DIN 51575
Color number (ASTM)	L 3,0 DIN ISO 2049

Areas of application

All-year oil for gasoline and diesel engines with FSI, common rail and pump-jet technology. Especially suitable for vehicles with diesel particulate filters (DPF) – also for retrofits. Tested safe with catalytic converters and turbochargers.

Application

The operating instructions of the vehicle and engine manufacturers must be followed.

Full effectiveness and protection for the diesel particulate filter are only guaranteed when the product is not mixed! Note for workshops: The residual amount of a commercially available oil must not exceed 5 percent for tank systems.

Available pack sizes

1 l Canister plastic	8148 D
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Available pack sizes

60 l Black plate barrel	8149
	D-GB
205 l Black plate barrel	8150
	D-GB
1 l Bulk goods	8151
	D

Our information is based on thorough research and may be considered reliable, although not legally binding.